

# Superconductivity of Magnesium Diboride MgB<sub>2</sub>

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## ● A Brief History

In January 2001, J. Akimitsu [1], [30] announced superconductivity in magnesium diboride (MgB<sub>2</sub>) with a critical temperature of 39K. This caused an excitement in the superconductivity community. At the time of writing these lines, several research groups in the world are investigating the properties of this material.

## ● Latest News

- [New metallic superconductor makes an immediate impact](#), Physics Web, 2 April 2001.
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- Off the shelf superconductors, Nature, 26 Feb 2001.
- Genie in a bottle, Nature 410, 23-24, 26 Feb 2001.
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- Surprising 'superconducting' discovery, CNN, 23 Feb 2001.
- All-metal Superconductivity at 40K, Physics News Update, 13 Feb 2001.
- 39 K Superconductivity in MgB<sub>2</sub>, High T<sub>c</sub> Update, 6 Feb 2001.
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- Links

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- Picture gallery from APS' 2001 special session on MgB<sub>2</sub> (courtesy of Superstripes.com).

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